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FAX COVER SHEET

FAX NUMBER TRANSMITTED TO: (571) 273-8300

To:

US Patent and Trademark Office

Art Unit:

1645

Examiner:

Devi, Sarvamangala, JN

Serial No.:

10/691,384

Inventor(s):

Stephen P. Oliver et al

Title:

STREPTOCOCCUS UBERIS ADHESION MOLECULE

Filed:

October 22, 2003

From:
Atty Docket No.:

Howard Eisenberg HME/7477.0017

Date:

August 13, 2007

DOCUMENTS	NUMBER OF BAGES*
Transmittal Form	One
Fee Transmittal Form	One
Fourth IDS	Two
Form PTO/SB/08B - Substitute for 1449/PTO	One
Reference C I - Park et al	Two
Reference C J - Wang et al	Two
Reference C K - Smoot et al	Seven
Credit Card Payment Form	One
Total Pages (not counting cover page)	Seventeen

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PTO/SR/21 (09-08)

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	ENCLOSURES (Check all	that apply)		
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Amendment/Reply After Final After Final After Final After Final Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Petition Pelition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence A Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks	ddress Thr	Proposition of the Control of the Co	patent references
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Firm Name Howard Eisenberg, Esq.				
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AUG 1 3 2007

Atty Doc. No. HME/7477,0017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXAMINING OPERATIONS

In re the Application of

Stephen P. Oliver, et al

Group Art Unit: 1645

Serial No. 10/691,384

Examiner: Devi, Sarvamangala

Filed: October 22, 2003

Date: August 13, 2007

For a Patent for STREPTOCOCCUS UBERIS ADHESION

MOLECULE

FOURTH INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 CFR §1.98

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Dear Sir:

Applicants submit herewith copies of patents and publications of which they are aware and which they desire to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(d), this Information Disclosure Statement is being submitted after the mailing date of a final Office Action and is accompanied by a statement as required in 37 CFR §1.97(d)(1) and the fee set forth in 37 CFR §1.17(p) as required in 37 CFR §1.97(d)(2).

Applicants, and the undersigned Attorney for Applicant, hereby state that each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

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In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

A list of the patents and publications enclosed herewith is set forth on the attached 1 page of Information Disclosure Statement by Applicant.

The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

Respectfully submitted,

Howard M. Eisenberg Reg. No. 36,789

1220 Limberlost Lane

Gladwyne, PA 19035

Attorney for Applicants

Tel: (484) 412-8419

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Dated: August 13, 2007

Howard M. Eisenberg

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	Application Number	10/691,384		
INFORMATION DISCLOSURE	Filing Date	October 22, 2003		
STATEMENT BY APPLICANT First Named Inventor		Stephen P. Oliver		
(Use as many sheets as necessary)	Art Unit	1645		
,	Examiner Name	Devi, Sarvamangala, JN		
Sheet 1 of 1	Attorney Docket Number	HME/7477.0017		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/S.D./	CI	PARK, HM et al, "Effect of Iron chelators on expression of Streptococcus uberis lactoferrin- binding proteins," DATABASE BIOSIS, Accession No. PREV200200233416 (2001)	
/S.D./	CJ	WANG, L et al, "Prokaryotic essential gene #31978", XP-002438045, Database Geneseq, retrieved from EBI Accession No. GSN:ACA50321 (2003)	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Transfadon is ettached.

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